

GRANVILLE COUNTY SCHOOLS

# Technology Professional Development Plan

## CONSTANT GROWTH

Granville County Schools is proud to serve our community at a 1:1.2 ratio of computing devices to students. With such an infusion of technology in the classrooms, we need teachers that are constantly growing and flexing new technological skills.

This professional development plan offers county employees an opportunity to hone their skills in a diverse number of technologies through varied levels of instruction on a schedule that meets their personal needs.

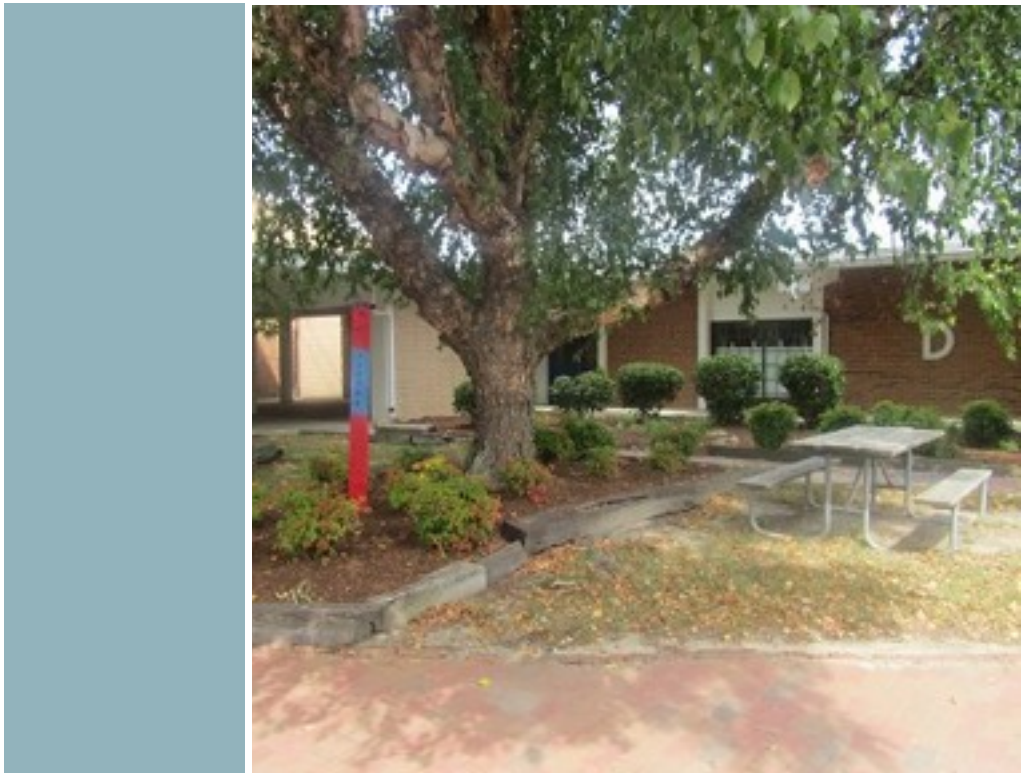
Whether it be an individual concern or a desire to take a course in a specific content-area, the opportunity lies within this plan.



101 Delacroix Street - Oxford, NC 27565 - 919.693.4613

***Preparing Our Students  
for a Successful Tomorrow***

# Table of Contents



Introduction to PD Menu..... 1

**GCS Professional Development Menu**

Integrating Online Resources in the MS and HS ..... 2

Integrating Online Resources in Elementary ..... 2

Classroom Management for a Tech-Rich Class..... 3

Integrating SMARTBoards in Instruction..... 3

Teaching with Haiku Fall Session ..... 4

Using Assistive Technology ..... 5

Teaching with Haiku Spring Session ..... 5

**GCS Technology Partner Training ..... 6**

**PD through the Ticketing System ..... 7**

**Teacher Technology Leaders Training Program ..... 8**

**Flipped Classroom Training Program..... 9**

**Online Course-writing Training Program..... 10**

**Calendar of Tech Training ..... 11-20**

*Preparing Our Students  
for a Successful Tomorrow*

# Introduction

The goal of the Granville County Schools Instructional Technology Team is to provide each employee in the district with the technological tools and expertise needed to effectively reach students learning in the 21st century. To that end, the team has put together a menu of Professional Development opportunities with four main components:

## 1. **GCS Professional Development Menu**

The menu showcases classes that can be joined by up to 25 participants. Each of these classes is composed of three sessions (one per month for three months). Participants are asked to attend more than one session so there is time for immersion in the topic. By the end of each of these courses, participants will have created a product to use in their own teaching and learning, be able to show others how to use the product, and have earned one Technology CEU on their transcript.

## 2. **GCS Technology Partner Training Opportunities**

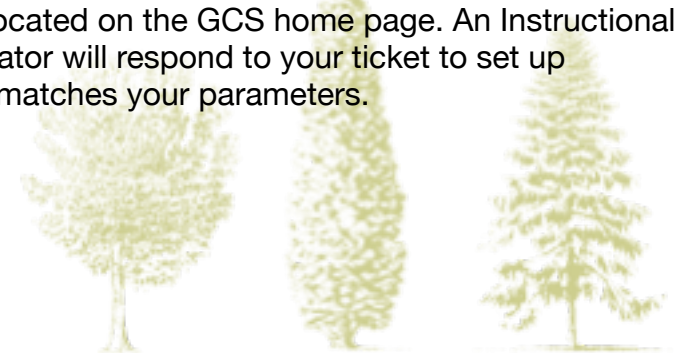
Granville County Schools has many providers of technology services, and often these companies offer training opportunities for teachers to be better able to implement their services in the classroom. The ITS team will be facilitating training this year from Discovery Education, Gaggie, Haiku, OdysseyWare, and Apple.

## 3. **Long-term Training Programs**

The ITS team is implementing three long-term training programs that will take place over the entire course of the 2012-2013 school year (Teacher Technology Leaders, Flipped Classrooms, and Online Course-writing). These programs are for people that are very interested in the subject-matter, are devoted to attending the six sessions scheduled throughout the year, and have a desire to showcase and lead others in these high-skill, high-need areas.

## 4. **Request Individualized PD through the Ticketing System**

Teachers, administrators, club advisors, counselors, and central office staff that may have an individual need for instructional technology training may request their specific needs through the ticketing system located on the GCS home page. An Instructional Technology Facilitator will respond to your ticket to set up whatever training matches your parameters.





BEGINNING  
SEPTEMBER 2012

### INTEGRATING ONLINE RESOURCES IN THE MIDDLE AND HIGH SCHOOL CLASSROOM

This course is designed to focus on the many online resources available to teachers of middle and high school content areas. The first session will provide an overview of the most successfully integrated educational online tools. We will also focus on GCS-specific subscription services. The second and third sessions will focus on participant creation of lesson plans based on online resources that facilitate learning in their content area.

#### Attendance Dates:

Thursday, September 27, 2012.....4:00 - 5:30 (TRES)  
Wednesday, October 24, 2012.....4:00 - 5:30 (NGMS)  
Wednesday, November 28, 2012.....4:00 - 5:30 (TRES)

This course requires 5.5 hours of homework.

Technology CEUs earned = 1.0

*Please sign up in WisdomWhere by searching name or starting month.*

### INTEGRATING ONLINE RESOURCES IN THE ELEMENTARY CLASSROOM

This course is designed for teachers of Pre-K through fifth grade. It will cover how to integrate online resources that we have available in GCS as well as numerous other free online resources. The focus will be on how to effectively integrate these resources in various content areas in elementary school. After completing this course, participants should have lessons to use in their classrooms that integrate various effective online resources.

#### Attendance Dates:

Thursday, September 27, 2012.....4:00 - 5:30 (NGMS)  
Wednesday, October 24, 2012.....4:00 - 5:30 (TRES)  
Wednesday, November 28, 2012.....4:00 - 5:30 (NGMS)

This course requires 5.5 hours of homework.

Technology CEUs earned = 1.0

*Please sign up in WisdomWhere by searching name or starting month.*



## BEGINNING SEPTEMBER 2012

### CLASSROOM MANAGEMENT FOR A TECHNOLOGY-RICH ENVIRONMENT

Technology is revolutionizing the way we think and teach. Should it also be changing the way we manage our classrooms? This course delves into the tension between allowing our students the entire universe at their fingertips and asking them to stay focused and engaged here in Granville County Schools. At the end of these sessions, teachers will be able to put into practice management techniques related to the following:

- *The First Days of School* for technology implementation
- Reduce distracting behavior through technology integration
- Focus specifically on behavior problems faced by teachers who have implemented technology in their lessons
- Develop solutions to common behavior problems

#### Attendance Dates:

Wednesday, September 26, 2012.....4:00 - 5:30 (NGMS)

Wednesday, October 17, 2012.....4:00 - 5:30 (TRES)

Wednesday, November 14, 2012.....4:00 - 5:30 (NGMS)

This course requires 5.5 hours of homework.

Technology CEUs earned = 1.0

*Please sign up in WisdomWhere by searching name or starting month.*

### INTEGRATING SMART BOARDS IN INSTRUCTION - LEVEL 2

Pre-requisite: Basic knowledge of how to use a SMART Board and a desire to customize interactive learning for your students.

In this course, learn how to use SMART Notebook collaborative learning software to build interactive lessons using your content. We will begin with reviewing the many sources available online to create interactive learning environments for students. You will learn how to edit/alter lessons to make them more pertinent for your classroom. After completing this course, you will be able to create your own Smart Notebook lessons specifically for your class:

- Learn how to access the SMART Exchange website, and then search for and download content
- Review the menu bar, toolbar and tabs in the SMART Notebook interface
- Identify lesson creation techniques that support student learning outcomes
- Create, clone and manipulate text and images
- Manage your own Gallery content
- Link objects to websites, sounds, attachments and other pages
- Save a SMART Notebook file

#### Attendance Dates:

Wednesday, September 26, 2012.....4:00 - 5:30 (TRES)

Wednesday, October 17, 2012.....4:00 - 5:30 (NGMS)

Wednesday, November 14, 2012.....4:00 - 5:30 (TRES)

This course requires 5.5 hours of homework.

Technology CEUs earned = 1.0

*Please sign up in WisdomWhere by searching name or starting month.*

## BEGINNING OCTOBER 2012

TEACHING WITH THE HAIKU  
LEARNING MANAGEMENT SYSTEM

This basic course in using the Learning Management System, Haiku, will cover setting up a class, which may be used as an online environment or as a supplement to your class (blended class).

Topics will include:

- creating a class
- adding and rearranging pages
- adding and moving content blocks
- previewing your class
- changing page layout
- creating assignments
- adding users
- setting up a gradebook
- controlling access to your class
- embedding content from many other sources and changing how your site looks

By the time you have completed this course, you should have an online class ready to publish and be able to share your knowledge with others.

Attendance Dates:

Wednesday, October 10, 2012.....4:00 - 5:30 (SGHS)

Wednesday, November, 2012.....4:00 - 5:30 (Webb)

Wednesday, December 12, 2012.....4:00 - 5:30 (SGHS)

This course requires 5.5 hours of homework.

Technology CEUs earned = 1.0

*Please sign up in WisdomWhere by searching name or starting month.*



## BEGINNING JANUARY 2013

### USING ASSISTIVE TECHNOLOGY IN THE CLASSROOM

This basic course is designed for anyone who teaches students with different abilities. The course will review various assistive technologies (hardware and software) available for students who need more technology support. It is not only designed for special educators but also for teachers in any grade who support students included in their classrooms who have learning disabilities, are on the autism spectrum or simply need more accommodations in and outside of class.

For those interested in more in-depth training on specific topics such as communication devices, iPad apps for communication, access via switches, etc., additional professional development may be scheduled through the ticketing system.

#### Attendance Dates:

Wednesday, January 30, 2013.....4:00 - 5:30 (Webb)

Wednesday, February 13, 2013.....4:00 - 5:30 (SGHS)

Wednesday, March 20, 2013.....4:00 - 5:30 (Webb)

This course requires 5.5 hours of homework.

Technology CEUs earned = 1.0

*Please sign up in WisdomWhere by searching name or starting month.*

### TEACHING WITH THE HAIKU LEARNING MANAGEMENT SYSTEM

This basic course in using the Learning Management System, Haiku, will cover setting up a class, which may be used as an online environment or as a supplement to your class (blended class).

#### Topics will include:

- creating a class
- adding and rearranging pages
- adding and moving content blocks
- previewing your class
- changing page layout
- creating assignments
- adding users
- setting up a gradebook
- controlling access to your class
- embedding content from many other sources and changing how your site looks

By the time you have completed this course, you should have an online class ready to publish and be able to share your knowledge with others.

#### Attendance Dates:

Wednesday, January 30, 2013.....4:00 - 5:30 (SGHS)

Wednesday, February 13, 2013.....4:00 - 5:30 (Webb)

Wednesday, March 20, 2013.....4:00 - 5:30 (SGHS)

This course requires 5.5 hours of homework.

Technology CEUs earned = 1.0

*Please sign up in WisdomWhere by searching name or starting month.*

# GCS Technology Partner Training

**APPLE TRAINING** - *Please sign up on Wisdomwhere by looking in the month of September. Note the grade and skill level before choosing a course.*

**MACS IN MATH CLASS**  
**SEPTEMBER 18, 2012**  
**8:30-4:30 AT TAR RIVER**

Use Calculator, Grapher, Keynote, Garage Band, and iMovie to integrate digital content into mathematics learning. Leave with technology-infused lessons that inspire student learning and creativity in math.

**iTUNES IN THE CLASSROOM**  
**SEPTEMBER 20, 2012**  
**8:30-4:30 AT TAR RIVER**

Learn how to find the best educational content in iTunes, how to organize it, and how to publish your own content through Course Manager. See how iTunes can truly enhance your course content.

**MACS IN SCIENCE CLASS**  
**SEPTEMBER 19, 2012**  
**8:30-4:30 AT TAR RIVER**

Use a variety of digital tools and resources as you learn about gathering, analyzing, and sharing data. Inspire creativity and critical thinking in your students by using technology to work through the scientific process.

**iPADS IN ELEMENTARY SCHOOLS**  
**SEPTEMBER 21, 2012**  
**8:30-4:30 AT TAR RIVER**

Learn basic navigation and explore key accessibility features and apps for the iPad. Additionally, see how to manage workflow and create and sync content for your classroom. Plan lessons that utilize the power of learning at the touch of a screen.

## TRAININGS TO BE DETERMINED

Granville County Schools works with multiple partners to provide training for subscription services. Currently planned sessions include:

- Gaggle will be providing administrative training during the month of September.
- Discovery Education will be providing multiple on-site trainings highlighting the use of their HD Streaming Video in the classroom during the months of September and October.

Please stay tuned to the *Tech Connect* newsletters and the Instructional Technology Website throughout the school year as we work with our partners to provide options that meet the instructional needs of GCS educators.





# PD through the Ticketing System

**Not all teacher instructional technology needs can be met through planned sessions. Often, there are very specific needs that should be met on an individual, department, school, or county-wide basis. Because of this, we have provided the “Request Technology Help” link on the main Granville County Schools webpage. We invite any user in the county to follow the steps below to request instructional technology help:**

1. Click on the Request Technology Help [Link](#) on the main GCS webpage.
2. Enter your county username@gcstech.org and your county password.
3. Use the pulldown menu to designate if this is an individual or group need.
4. Use the next pulldown menu to designate the level of urgency.
5. Describe what sort of PD you would like. The more detail you can give, the better.
6. Click the blue “save” button at the top left of the form.
7. Once you submit your request, an Instructional Technology Facilitator will respond within 24 hours during the workweek.

## **For what kind of things might I request Instructional Technology help?**

We are here to provide help with anything that has to do with using technology to more effectively reach an audience. Some examples are listed below, but they are certainly not exhaustive.

How do I use my SMART Board?

Can you help me plan PD using Edmodo for my staff at the next faculty meeting?

Our department would like to learn how to use technology to support Common Core in our subject area. Can you meet with us?

I would like advice on using technology to differentiate instruction for my students.

I'd like to provide my course materials online. Can you recommend a space and show me how to use it?



# Teacher Technology Leaders Training Program

This program is focused for individuals with an interest in integrating technology and sharing information with others at their school. By becoming a Teacher Technology Leader (TTL), the individual is being provided with specialized training (CEUs included), technology tools, and support for integration.

The TTL will become the contact person for the school in which they serve for one year. Additionally, the TTL will agree to provide others in the school support and/or training in integration of technology tools used in the school system. The TTL will have the opportunity to continue in the role or may decide to relinquish the role at the end of the 2012-13 school year.

**Attendance Dates:**

Thursday, October 4, 2012.....4:00 - 5:30 (NGMS)  
Thursday, November 15, 2012.....4:00 - 5:30 (TRES)  
Thursday, January 3, 2013.....4:00 - 5:30 (NGMS)  
Thursday, February 7, 2013.....4:00 - 5:30 (TRES)  
Thursday, March 14, 2013.....4:00 - 5:30 (NGMS)  
Thursday, May 2, 2013.....4:00 - 5:30 (TRES)

The TTL professional development program will consist of the following focus areas:

- Common Tools in GCS (SMART Boards, Student Response Systems, iPads, etc.). The emphasis will be on how to integrate the tools that we have available in various curricular areas.
- Online resources, i.e., teacher websites, Edmodo, Haiku, Delicious, etc.
- Minor hardware/software troubleshooting
- Classroom management in a 1:1 environment
- How to use multiple devices effectively
- A professional learning community will be developed online for TTLs to share information. This community will facilitate asking and answering of questions that will come up throughout the year.

Applications for the TTL training program will be sent out via GCS email in August and are due to [steelmanjd@gcs.k12.nc.us](mailto:steelmanjd@gcs.k12.nc.us) by September 7, 2012.



# Flipped Classroom Training Program

This program is for individuals interested in “flipping” their classrooms. This type of classroom provides what people typically think of as teacher-led instruction (lecture, notes, sample problems) outside of the classroom as pre-assignments. Inside the classroom, students do what is typically thought of as homework (projects, practice problems, experiments).

The teacher acts as a facilitator to advance students from the basic understanding gathered from the pre-assignments to practiced application of the material. This increased one-to-one time with students attempts to create a more collaborative learning environment where more material can be learned *and* practiced by the student.

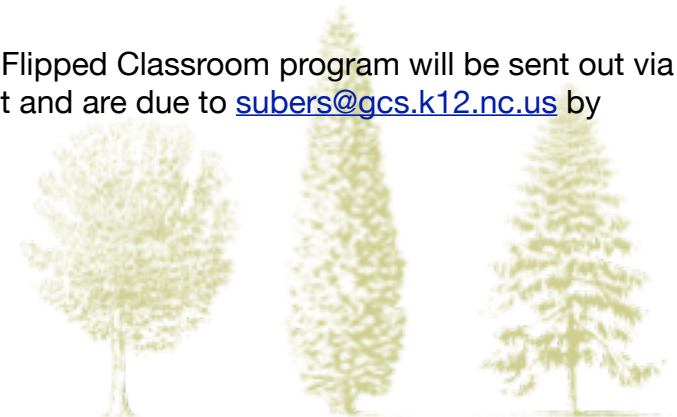
**Attendance Dates:**

Thursday, October 11, 2012.....4:00 - 5:30 (Webb)  
Thursday, December 6, 2012.....4:00 - 5:30 (SGHS)  
Thursday, January 31, 2013.....4:00 - 5:30 (Webb)  
Thursday, February 28, 2013.....4:00 - 5:30 (SGHS)  
Thursday, March 21, 2013.....4:00 - 5:30 (Webb)  
Thursday, May 9, 2013.....4:00 - 5:30 (SGHS)

The Flipped Classroom professional development program will consist of the following focus areas:

- Tips and practice on creating quality video and instructional resources for students
- How to make the most of one-to-one learning in the classroom
- Dealing with students that do not complete the pre-assignments
- Data tracking for your flipped classroom transition
- File format compatibility issues and how to overcome them
- Time to create your flipped classroom
- Access to a repository of flipped classroom resources
- A professional learning community will be developed online for participants to share information. This community will facilitate asking and answering of questions that will come up throughout the year.

Applications for the Flipped Classroom program will be sent out via GCS email in August and are due to [subers@gcs.k12.nc.us](mailto:subers@gcs.k12.nc.us) by September 7, 2012.



# Online Course-writing Training Program

This program is for individuals interested in transitioning their classroom to the next level - online learning. As technology becomes more prevalent in our society, many learners expect access to educational material 24/7. Teachers who are interested in providing that material can do more than just post a list of documents online.

The focus of this course is helping teachers create their entire course as an online learning environment. Additionally, teachers who successfully complete this course will be qualified to write courses for Granville Online.

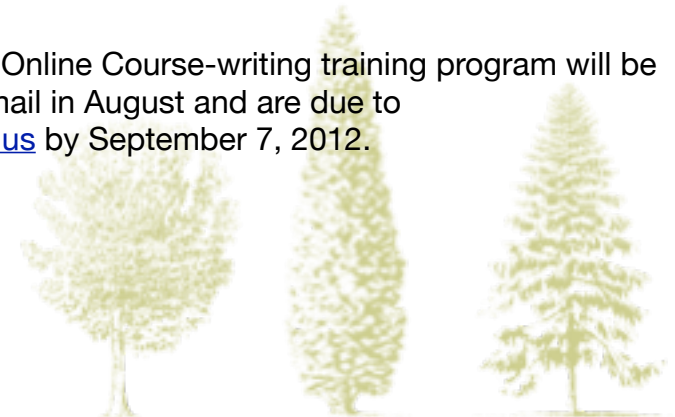
**Attendance Dates:**

Thursday, October 18, 2012.....4:00 - 5:30 (NGMS)  
Thursday, December 13, 2012..... 4:00 - 5:30 (TRES)  
Thursday, February 28, 2013.....4:00 - 5:30 (NGMS)  
Thursday, March 7, 2013.....4:00 - 5:30 (TRES)  
Thursday, April 25, 2013.....4:00 - 5:30 (NGMS)

The Online Course-writing professional development program will consist of the following focus areas:

- The creation of an online course in the participant's specific content area
- Copyright issues
- Assessment of multiple learning management systems to house online learning
- Grading in an online environment
- Specific formatting for Granville Online course development
- Access to a repository of online learning resources
- A professional learning community will be developed online for participants to share information. This community will facilitate asking and answering of questions that will come up throughout the year.

Applications for the Online Course-writing training program will be sent out via GCS email in August and are due to [subers@gcs.k12.nc.us](mailto:subers@gcs.k12.nc.us) by September 7, 2012.



# August

# 2012

## Instructional Technology Training

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
		Media Specialist Training	Media Specialist Training			
26	27	28	29	30	31	
30						



# September

# 2012

## Instructional Technology Training

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3 <b>Labor Day</b>	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18 Apple Math in the Class 8:30-4:30 TRES	19 Apple Science in the Class 8:30-4:30 TRES	20 Apple iTunesU 8:30-4:30 TRES	21 Apple iPads in Elementary 8:30-4:30 TRES	22
23	24	25	26 Smartboard Session 1 4-5:30 TRES Management Session 1 4-5:30 NGMS	27 Elementary Integration Session 1 4-5:30 NGMS MS/HS Integration Session 2 4-5:30 TRES	28	29

# October

# 2012

## Instructional Technology Training

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4 TTL Session 1 4-5:30 NGMS	5	6
7	8	9	10 Haiku Session 1 4-5:30 SGHS	11 Flipped Class Session 1 4-5:30 Webb	12	13
14	15	16	17 Smartboard Session 2 4-5:30 NGMS Management Session 2 4-5:30 TRES	18 Course-Writing Session 1 4-5:30 NGMS	19	20
21	22	23	24 Elementary Integration Session 2 4-5:30 TRES MS/HS Integration Session 2 4-5:30 NGMS	25	26	27
28	29	30	31			

# November

# 2012

## Instructional Technology Training

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
	Veterans' Day		Smartboard Session 3 4-5:30 TRES Management Session 3 4-5:30 NGMS	TTL Session 2 4-5:30 TRES		
18	19	20	21	22	23	24
				Thanksgiving		
25	26	27	28	29	30	
			Elementary Integration Session 3 4-5:30 NGMS MS/HS Integration Session 3 4-5:30 TRES	Haiku Session 2 4-5:30 Webb		

# December

# 2012

## Instructional Technology Training

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6 Flipped Class Session 2 4-5:30 SGHS	7	8
9	10	11	12 Haiku Session 3 4-5:30 SGHS	13 Course-writing Session 2 4-5:30 TRES	14	15
16	17	18	19	20 Winter Holiday	21 Winter Holiday	22 Winter Holiday
23 Winter Holiday	24 Winter Holiday	25 Winter Holiday	26 Winter Holiday	27 Winter Holiday	28 Winter Holiday	29 Winter Holiday
30 Winter Holiday	31 Winter Holiday					

# January

# 2013

## Instructional Technology Training

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3 TTL Session 3 4-5:30 NGMS	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21 Martin Luther King Jr. Holiday	22	23	24	25	26
27	28	29	30 Assistive Tech Session 1 4-5:30 Webb Haiku Session 1 4-5:30 SGHS	31 Flipped Class Session 3 4-5:30 Webb		



# February

# 2013

## Instructional Technology Training

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6	7 TTL Session 4 4-5:30 TRES	8	9
10	11	12	13 Assistive Tech Session 2 4-5:30 SGHS Haiku Session 2 4-5:30 Webb	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28 Flipped Class Session 4 4-5:30 SGHS Course-writing Session 3 4-5:30 NGMS		

# March

# 2013

## Instructional Technology Training

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6	7 Course-writing Session 4 4-5:30 TRES	8	9
10	11	12	13	14 TTL Session 5 4-5:30 NGMS	15	16
17	18	19	20 Assistive Tech Session 3 4-5:30 Webb  Haiku Session 3 4-5:30 SGHS	21 Flipped Class Session 5 4-5:30 Webb	22	23
24	25	26	27	28	29 Spring Break Begins	30
31						

# April

# 2013

## Instructional Technology Training

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 Spring Break	2 Spring Break	3 Spring Break	4 Spring Break	5 Spring Break	6 Spring Break
7 Spring Break	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25 Course-writing Session 5 4-5:30 NGMS	26	27
28	29	30				

# May

# 2013

## Instructional Technology Training

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2 TTL Session 6 4-5:30 TRES	3	4
5	6	7	8	9 Flipped Class Session 6 4-5:30 SGHS	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27 Memorial Day	28	29	30	31	